Amendments to the Claims:

This listing of claims of claims in the application.

Listing of Claims:

Claims 1-10 (Canceled)

Claim 11 (Previously Presented) A system for denaturing a cornea, comprising:

a ground element;

a probe which has a tip that extends from a stop, said stop limits a penetration depth of said tip into the cornea; and,

a power supply which provides a current that flows to said probe and to said ground element, the current having a damped waveform frequency between 5KHz to 50 MHz and a repetition rate between 4KHz and 12KHz.

Claim 12 (Canceled)

Claim 13 (Previously Presented) The system as recited in claim 11, wherein said tip has a length between 300 and 600 microns.

Claim 14 (Previously Presented) The system as recited claim 11, wherein said probe includes a handle, a first connector attached to said handle, and a second connector that mates with said first connecter.

Claim 15 (Canceled)

Claim 16 (Previously Presented) The system as recited in claim 14, wherein said tip is located at a distal end of a spring beam.

Claim 17 (Canceled)

Claim 18 (Previously Presented) The system as recited in claim 11, wherein said power supply provides no more than 1.2 watts of power for a time duration no greater than 1 second.

Claim 19 (Canceled)

Claim 20 (Previously Presented) A method for reshaping a cornea of a patient, comprising:

grounding the patient with a ground element;

inserting a tip into a cornea until a stop engages the cornea to limit a penetration depth of the tip the cornea;

transmitting a current to the probe that flows through the cornea and back through the ground element, the current having a damped waveform, a frequency between 5KHz and 50MHz, and a repetition rate between 4KHz and 12KHz.

Claim 21 (Previously Presented) The method of claim 20, wherein the current is transmitted at a power no greater than 1.2 watts for a time duration no greater than 1.0 second.

Claim 22 (Cancelled)

Claim 23 (Previously Presented) The method of claim 20, wherein the probe is placed in a circular pattern about the cornea.